

SEQUENCE LISTING

<110> MediGene AG

<110> German Cancer Research Centre

<120> Cytotoxic T-cell epitopes of papillomavirus L1 protein and
their use in diagnostics and therapy

<150> 19925235.1

<151> 1999-06-01

<160> 17

<170> MS Word 97/Windows NT

<210> 1

<211> 9

<212> PRT

<213> **Human papillomavirus type 16**

<400> 1

Ala Gln Ile Phe Asn Lys Pro Tyr Trp 9
1

<210> 2

<211> 9

<212> PRT

<213> **Human papillomavirus type 16**

<400> 2

Ala Gly Val Asp Asn Arg Glu Cys Ile 9
1

1999-06-01

<210> 3

<211> 9

<212> PRT

<213> Influenza virus type A

<400> 3

Ala Ser Asn Glu Asn Met Glu Thr Met 9

1

<210> 4

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 4

Gly Ala Met Asp Phe Thr Thr Leu 8

1

<210> 5

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 5

Gly Asp Ser Leu Phe Phe Tyr Leu 8

1

<210> 6

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 6

Met Gln Val Thr Phe Ile Tyr Ile 8

1

<210> 7

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 7

Val Tyr His Ile Phe Phe Gln Met 8

1

<210> 8

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 8

Val His Thr Gly Phe Gly Ala Met 8

1

<210> 9

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 9

Lys Tyr Pro Asp Tyr Ile Lys Met 8

1

<210> 10

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 10

Val Thr Phe Ile Tyr Ile Leu Val 8

1

<210> 11

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 11

Leu Glu Asp Thr Tyr Arg Phe Val 8

1

<210> 12

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 12

Gly Asn Gln Leu Phe Val Thr Val 8

1

<210> 13

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 13

Lys Lys Tyr Thr Phe Val Thr Val 8

1

<210> 14

<211> 8

<212> PRT

<213> Human papillomavirus type 16

<400> 14

Glu Asn Asp Val Asn Tyr His Ile 8

1

<210> 15

<211> 9

23456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

<212> PRT

<213> Human papillomavirus type 16

<400> 15

Ala Gly Val Asp Asn Arg Glu Cys Ile 9

1

<210> 16

<211> 10

<212> PRT

<213> Human papillomavirus type 16

<400> 16

Thr Val Gly Glu Asn Val Pro Asp Asp Leu 10

1

<210> 17

<211> 10

<212> PRT

<213> Human papillomavirus type 16

<400> 17

Tyr Lys Asn Thr Asn Phe Lys Glu Tyr Leu 10

1

204250"43000050